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W. Dennis Drehkoff

Name

Signature

DOCKET: CU-1446

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

APPLICANT: Rolf Engstad et al.

)

SERIAL NO: 08/716,344

)

Group Art Unit: 1808

FILING DATE: October 2, 1996

)

Examiner: F. Prats

TITLE: Enzyme Treatment of Glucans

)

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE  
MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION**

Sir:

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

January 9, 2004

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**INFORMATION DISCLOSURE STATEMENT**

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

Additional comments, if any, on the relevance of each reference listed are provided as follows:

The Statement is made on the basis of the information:

       supplied by the inventor(s);  
**X** supplied by an individual associated with the filing and prosecution  
of this application (37 CFR 1.56(c)); or  
       in the attorney's file.

Respectfully submitted,

January 9, 2004

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Form PTO-1449 (Modified)

<b>In re:</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (37 CFR 1.98(b))	<b>ATTY. DOCKET NO.</b>  <b>CU-1446</b> <b>APPLICANT</b>  <b>Rolf Engstad et al.</b> <b>FILING DATE</b>  <b>October 2, 1996</b>	<b>SERIAL NO.</b>  <b>08/716,344</b>  <b>GROUP</b>  <b>1808</b>
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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

**OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)**

		James et al., Spectral Analysis of Glucan Produced by Wild-Type and Mutant <i>Saccharomyces cerevisiae</i> , <i>Carbohydrate Polymers</i> 13 (1990), 207-219.
		Onderdonk et al., Anti-Infective Effect of Poly- $\beta$ 1-6 Glucotriosyl- $\beta$ 1-3-Glucopyranose Glucan in Vivo, <i>Infection and Immunity</i> , April 1992, p. 1642-1647.
		Zurbriggen et al., Pilot Scale Production of <i>Trichoderma reesei</i> endo- $\beta$ -glucanase by brewer's yeast, <i>Journal of Bacteriology</i> , 17(1991) 133-146.
		Yamamoto et al., Purification of Properties of Endo- $\beta$ -(1,6) Glucanase from <i>Rhizopus Chinensis</i> , <i>AgrA. Biol. Chem.</i> , 38(8), 1693-1500, 1974.
EXAMINER		DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

(Form PTO-1449)